

CP PHYSICS PROJECT

Newton's Laws Wikispace

Project Description:

You and your lab partner(s) will create a wikispace showing your knowledge of Newton's Laws of Motion and their real life applications. You will create your own wikispace, making sure to include the components listed below. Additionally, you will need to view and post comments or questions on at least 3 other groups projects. Comments/questions need to be insightful and positive. The components are as follows:

Introduction: State the objectives of this project and add some pertinent background information on the Laws of Motion.

Laws of Motion: We will be working with the three Laws of Motion. Each needs to have a thorough explanation of the law along with several real life applications of the law itself. There needs to be some type of visual and audio component with each law; however, only 1 of the 3 visual/audio components used can be "premade". Your group will be responsible for creating the other one. Applications for creating the video/audio include iMovie, Audacity, and/or Garageband. If you use materials from other websites, be sure to cite the source. (For this project, the url should be listed with the picture, video, or audio component, not at the end of the space.)

Comments/Questions: Post comments or questions to at least 3 other lab groups. Comments and questions need to be relative to the project and need to be geared towards enhancing the project. This helps you by (a) allowing you to see a wider range of information, (b) assisting you in the completion of your project, and (c) making you think critically about applications of Newton's Laws.

Resources: You need to respect the work of others, and as in any other research type project, cite your sources. List the url of the site at the bottom of the wiki.

To set up your wikispace:

After setting up an account (see the tutorial packet), go to the site <http://rlcpphysicspd2.wikispaces.com/> and request membership. (If you are NOT in period 2, replace the "2" with your class period.) I need to accept you into the group, and then you are ready to begin. When you are accepted, create a new page for your group using your first names and last initials ONLY! This is still a public site and it is not safe to put your entire name on the site.

Miscellaneous:

One wiki needs to be completed for each group; be sure to list the names of all group members on the site. You will have 3 in-class periods to work – a due date will be given to you. You may set up a delicious site to use for gathering your resources. If you need assistance to do this, please see me.

Tutorials:

Tutorials for using Wikispaces and iMovie 06 and 08 can be found in your BlendedSchools account, under the Newton's Laws of Motion button.

Grading:

See the grading rubric on the back of this paper.

GRADING RUBRIC

	0	2	4	6
Introduction	Introduction states the objective of the project and gives no details about Newton and the Laws of Motion	Introduction states the objective of the project and gives few details about Newton and the Laws of Motion	Introduction states the objective of the project and gives a brief look at the historical perspective of Newton and the Laws of Motion	Introduction states the objective of the project and give an in-depth look at the historical perspective of Newton and the Laws of Motion
Newton's 1ST Law	Law is not stated or explained poorly; video/audio component is not present; no real life examples explained	Law is stated and explained but not in detail; video or audio component is present but does not relate to law; 1 real life example or example not explained and dissected	Law is stated and explained briefly; video/audio component is present; 2 real life examples or examples not fully explained and dissected	Law is stated and explained in detail; video/audio component is present; 3 real life examples explained and dissected
Newton's 2ND Law	Law is not stated or explained poorly; video/audio component is not present; no real life examples explained	Law is stated and explained but not in detail; video or audio component is present but does not relate to law; 1 real life example or example not explained and dissected	Law is stated and explained briefly; video/audio component is present; 2 real life examples or examples not fully explained and dissected	Law is stated and explained in detail; video/audio component is present; 3 real life examples explained and dissected
Newton's 3RD Law	Law is not stated or explained poorly; video/audio component is not present; no real life examples explained	Law is stated and explained but not in detail; video or audio component is present but does not relate to law; 1 real life example or example not explained and dissected	Law is stated and explained briefly; video/audio component is present; 2 real life examples or examples not fully explained and dissected	Law is stated and explained in detail; video/audio component is present; 3 real life examples explained and dissected
Comments/ Questions on Other Wikis	No comments / questions posted OR 1 or more inappropriate comments /questions	Comments / questions posted to 1 other wiki	Comments / questions posted to 2 other wikis	Comments / questions posted to at least 3 other wikis
Resources	0 resources listed or sources not listed appropriately; all audio/video sources are taken from outside sources	1 or 2 resources listed; one or both not cited correctly; all but one audio/video taken from outside sources	3 or 4 resources listed; 2 or fewer cited correctly; all but one audio/video taken from outside sources	5 or more resources listed; all cited correctly; at most two audio/video taken from outside sources

Total Points:

Points Possible: 36

Grade: